

## CLASS OF 2016/2017/2018/2019

Freshman Year (17 cr. hrs.)			(18 cr. hrs.)		
01:160:159	Gen Chem for Eng.	3	01:160:160	Gen Chem for Eng.	3
01:160:171	Intro to Experiment	1	01:640:152	Calc Math Phy Sci	4
01:355:101	Expository Writing	3	01:750:124	Analytic Physics I	2
01:640:151	Calc Math Phy Sci	4	14:440:127	Intro to Computers	3
01:750:123	Analytic Physics I	2	14:440:221	Engr Mech-Statics	3
14:440:100	Intro to Engr	1	__:__:__	Hum/Soc Elective	3
__:__:__	Hum/Soc. Elective	3			

Sophomore Year (16 cr. hrs.)			(17 cr. hrs.)		
01:640:251	Multivar Calc	4	01:220:102	Intro to Micro Econ	3
01:750:227	Analytic Phys IIA	3	01:640:244	Diff Eqns Eng & Ph	4
01:750:229	Anal Phys II Lab	1	01:750:228	Analytic Physics IIB	3
33:010:310	Account for Eng.	3M	01:750:230	Anal Physics II Lab	1
14:540:201	Work Des & Ergo	3M	14:440:222	Eng Mech-Dyn.	3
14:540:202	Work Des Lab	1M	14:540:210	Eng. Probability	3M
14:540:213	IE Lab	1M			

Junior Year (17 cr. hrs.)			(16 cr. hrs.)		
01:355:302	Sci & Tech Writing	3	14:540:303	Mfg. Processes	3M
14:180:215	Eng. Graphics	1	14:540:304	Mfg. Processes Lab	1M
14:332:373	Elements of EE	3M	14:540:311	Deter. Models in OR	3M
14:635:407	Mech. Prop Materials	3M	14:540:343	Eng. Economics	3M
14:540:338	Prob. Models in OR	3M	14:540:384	Simulat. Models IE	3M
14:540:382	Comp. Contr Mfg Sys	3M	14:540:399	Design of Eng Syst I	3M
14:540:383	Comp. Contr Lab	1M			

Senior Year (13 cr. hrs.)			(15 cr. hrs.)		
14:540:400	Design of Eng Syst. II	3M	14:540:462	Fac Layout & MH	3M
14:540:433	Quality Eng & Stat	3M	__:__:__	Dpt/Tech Elec (List A)	3M
14:540:434	Quality Eng. Lab	1M	__:__:__	Dpt/Tech Elec (List B)	3M
14:540:453	Prod Plan & Control	3M	__:__:__	Hum/Soc Elective	3
14:332:402	Sustainable Energy	3M	__:__:__	Hum/Soc Elective	3

**M - Course is included in major average.**

**Total credit hours: 129.**

**Major credit hours total 62.**

The Dept/Tech electives (List A & List B) for Class are given in Section 1.2 of the Undergraduate Handbook.